

# **APPARATUS, SYSTEM, AND METHOD FOR MODELING FOR STORAGE PROVISIONING**

## **ABSTRACT OF THE DISCLOSURE**

An apparatus, system, and method are disclosed for provisioning storage resources according to a modeling policy. The modeling apparatus includes a monitoring module, a policy module, and a provisioning module. The monitoring module monitors the storage resources on the storage system. The policy module stores and maintains storage management, storage provisioning, and storage resource modeling policies. A user may access and specify these policies via a specification module. The provisioning module automatically provisions new storage resources, such as logical unit numbers (LUNs) according to the storage provisioning policies and modeling policies. The modeling policy defines a modeling strategy by which new storage resources are provisioned to include some or all of the attributes of a model storage resource.

C:\Documents and Settings\Jeffrey Holman\My Documents\My Work\Patents\1200.2.93\1200.2.93 draft 091903.doc

**KUNZLER & ASSOCIATES**  
ATTORNEYS AT LAW  
10 WEST 100 SOUTH, SUITE 450  
SALT LAKE CITY, UTAH 84101